

## **RSA-MIL-STD-127: Vol 3 (issue 2)**

### ***ERGONOMIC DESIGN: HUMAN COMPUTER INTERACTION***

#### **SCOPE**

RSA-MIL-STD-127 Volume 3: Ergonomic Design: Human Computer Interaction (HCI) provides the ergonomics requirements and recommendations for visual display terminals (VDTs) in which display screen equipment is used in typical operational tasks, communication and data processing. The ergonomics considerations for body-mounted computers are being researched and this Standard will be updated accordingly. The purpose of this Standard is to promote good ergonomics for the tasks that require use of computer equipment, thereby ensuring that the users can perform the required tasks efficiently, safely, and comfortably. In practice this can be achieved by careful selection or development of the computer equipment, proper configuration of the workplaces and the provision of optimal working environment where the computer equipment is used, as well as by the way in which the computer tasks are organised and managed.

RSA-MIL-STD-127 Volume 3 is intended for all those involved in ensuring safety and effective work performance in the development, test and operations of computer systems. Much of the RSA-MIL-STD-127 Volume 3 deals with ergonomics requirements and effective application of computer equipment. The information can help designers and manufacturers to develop ergonomically sound computer equipment. The information is also relevant to purchasers who wish to specify computer equipment for application in their organisations. It is also relevant to those who wish to assess the suitability of existing or proposed computer interfaces.

RSA-MIL-STD-127 Volume 3 is concerned with the users of computer equipment. The emphasis is on specification of acceptable characteristics of human computer interfaces, and the associated human computer interactions which can promote the desired human performance. The computer software applications, over which the user has no control, are not provided in this document.